| SEP-30-2005 1  | 2:33 FF   | PCD6133   |  | 972 91  | 7 4418 P.                                  | 02/0             |
|--|---|---|--|---|--|------------------|
| IPE  |   | PART B - FEE(   | S) TRANSMITTAL   |   |  | •                |
| Complete and send  | this form, togethe  | er with applicabl                                     | e fee(s) to: Mail  | Box ISSUE FEE   |  |                  |
| /  | <b>1</b>  |   |  | Commissioner for P  | atents                                     |                  |
| SEP 30   | 2005  |   |  | PO Box 1450   |  |                  |
| ( SEP 30   | الق الت   |   |  | Alexandria, VA 223  | 13-1450                                    |                  |
| 12   | <i>E</i> /  |   | <u>FAX</u>   | (703) 746-4000  |  |                  |
| appropriate. All briggs com-<br>indicated unless constitutions.<br>maintenance fee notifications.  | of directed otherwise                                       | atent, advance orders ar<br>in Block 1, by (a) specif | nd notification of maintenance<br>ying a new correspondence  | f required). Blocks 1 through 5 s e fees will be mailed to the current address; and/or (b) indicating a set   | correspondence addre<br>parate "FEE ADDRES | ess as<br>SS* fo |
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address))  23494  7690  07/28/2006   |   |   | Transmittal,<br>additional pa  | Note: A certificate of mailing can only be used for domestic mailings of the Fee(s)<br>Transmittal. This certificate cannot be used for any other accompanying papers. Each<br>additional paper, such as an assignment or formal drawings, must have its own<br>certificate of mailing or transmission. |  |                  |
| TEXAS INSTRUMEN  | ITS INCORPORAT  | ED  |  | CERTIFICATE OF MAILING OR T   | DANGUISSION                                |                  |
| PO BOX 655474, M/S   | S 3999  |   | I hereby co  | ertify that this Fee(s) Transmittal i   |  | ith the          |
| <b>DALLAS, TX 75265</b>  |   |   |  | es Postal Service with sufficient pos   |  |                  |
| 03/2005 TBESHAH2 00000   | 009 200668 10606  | 717   |  | ddressed to the Mail Stop ISSUE F<br>ansmitted to the USPTO, on the date  |  | Греви            |
| PB 454   |   |   |  | McBride   | (Depositor's r                             | name)            |
| FC:1501 1400.00<br>FC:1504 300.00  |   |   | 100  | o Wa & bill   |  | nature)          |
| FU:1504 300.00   | VA .  |   |  | 9-30-2005   | (  | (Date)           |
| APPLICATION NO.  | FILING DATE   | FIRST NAM   | ED INVENTOR  | ATTORNEY DOCKET NO.   | CONFIRMATION                               | NO.              |
| 10/606,717   | 06/26/2003  |   | y Cheng  | TI-31614.1A   | 5790                                       | • • • • •        |
| TITLE OF INVENTION:  | BGA SUBSTRAT  | ISSUE FEE   | JRE PUBLICATION FEE  | TOTAL FEE(S) DUE  | DATE DUE                                   |                  |
| nonprovisional   | NO  | \$1400  | \$300  | \$1700  | 10/28/200                                  | 5                |
| EXAMIN   |   | ART UNIT  | CLASS-SUBCLASS   |   |  |                  |
| POTTER, RO   | YKARL   | 2822  | 257-778000   |   |  |                  |
| Change of correspondence (37 CFR 1.363).   | address or indication of "Fee a                             | Address* 2. For print                                 | ing on the patent front page, list   |   |  |                  |
| (1) the na   |   |   | of up to 3 registered patent<br>ents OR, alternatively,  | 1 Yingsheng Tung  |  |                  |
| The Address' indication (or "Fee Address' Indication form provsB/47; Rev. 03-02 or more recent) attached. Use of a names of up to name and up to name of up to name of up to name. |   |   | of a single firm (having as a<br>tered attorney or agent) and the<br>2 registered patient attorneys or | 2 <u>Wade James Brady III</u>   |  |                  |
| Customer Number is require   | P4.   | agents. If no r                                       | name is listed, no name will be  | 3 Frederick J. Telecky, Jr.   |  |                  |
| 3. ASSIGNEE NAME AND F   | RESIDENCE DATA TO BE  | PRINTED ON THE PAT                                    | ENT (print or type)  |   |  |                  |
| PLEASE NOTE: Unless recordation as set forth in 37 (   | an assignee is identified to<br>CFR 3.11. Completion of the | ils form is NOT a substit                             | ute for filing an assignment.  | If an assignee is identified below,   | he document has be                         | en file          |
| (A) NAME OF ASSIGNEE   |   | (a) KESIDI  | ENCE: (CITY and STATE OF   | COUNTRY   |  |                  |
| TEXAS INSTRUMENTS  | INCORPORATED  |   | K 855474, M/S 3999<br>S, TX 75265  | ·   |  |                  |
| Diagon of only the annual state of   |   |   | ·  |   |  |                  |
| Please check the appropriate   | assignee category or categ                                  | ories (will not be printed                            | on the patent) 🔲 individu  | al 🛛 corporation or other private g   | roup entity 🔲 goven                        | nmen             |
| 4a. The following fee(s) are   |   | 4b. Payme   | on the patent) individual interpretation in the patent in the amount of the fe                         |   | roup entity [ ] gover                      | nmen             |

The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 20-0668 (enclose an extra copy of this form). □ Advance Order - # of Copies

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the application; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

01 02

-30 - 2001

This collection of Information is required by 37 dt/R 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 d.S.C. 122 and 87 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time (will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reording tills burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450. Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (REV. 07-04) Approved for use through 04/30/2007. OMB 0851-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

To:

Mail Stop Issue Fee

Facsimile Number: (703) 746-4000

Total Pages Sent: 2



Yingsheng Tung

Texas Instruments Incorporated

Facsimile: 972-917-4418 Phone: 972-917-5355

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Cheng et al.

Docket Number: TI-31614.1A

Serial No.: 10/606,717

Art Unit: 2822

Filed: 06/26/2003

Examiner: R. Potter

**BGA SUBSTRATE VIA STRUCTURE** For:

## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at (703) 746-4000 on the date shown below:

lackie McBride

**FACSIMILE COVER SHEET** 

| X FACSIMILE COVER NEW APPLICATION DECLARATION (# P ASSIGNMENT (# Pa FORMAL DRAWING INFORMAL DRAWIN CONTINUATION AP | ages)<br>ges)<br>S<br>IGS            | AMENDMENT (# pages) EOT (# Page) NOTICE OF APPEAL (# Pages) APPEAL (# Pages) X ISSUE/PUBLICATION FEE (1 Page) |  |  |
|--|--------------------------------------|---|--|--|
| CHENG ET AL. TITLE OF INVENTION: BGA SUBSTRATE VIA S TI FILE NO.: TI-31614.1A                                      | STRUCTURE DEPOSIT ACCT. NO.: 20-0668 | Serial No.: 10/606,717  Conf. No.: 5790   |  |  |
| FAXED: 09/30/2005  DUE: 10/28/2005  ATTY/SECY: YT/jsm  |                                      |   |  |  |

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

> Texas instruments incorporated PO Box 655474, M/S 3999 Dallas, TX 75265